

# DOMINION AMMUNITION

CATALOGUE Nº16

Dominion Cartridge Co. Limited Montreal

PLEASE QUOTE FILE

## DOMANION CARTRIDGE COMPANY,





CANADA CEMENT COMPANY BUILDING. PHILLIPS SQUARE,

#### MONTREAL

Montreal, February 28th, 1925.

Mr. F.C. Montroy, Red Lake, B.C.

Dear Sir: -

We have your favour in regard to our .303

British and .30 Springfield cartridges, and would advise that we supply both of these cartridges with the Standard Soft

Point bullet and the high velocity Copper Point.

We are enclosing catalogue in which you will find velocities, bullet weights, etc. of the standard Soft Point bullets.

The Copper Point bullet in both cartridges weighs 150 grains. The .303 British Copper Point has a velocity of 2800 Ft. per second, and muzzle energy of 2610 Ft. Lbs. The .30 Springfield Copper Point has a muzzle velocity of 2690 Ft. and a muzzle energy of 2430 Ft. Lbs.

Trusting that this is the information you desire, we are

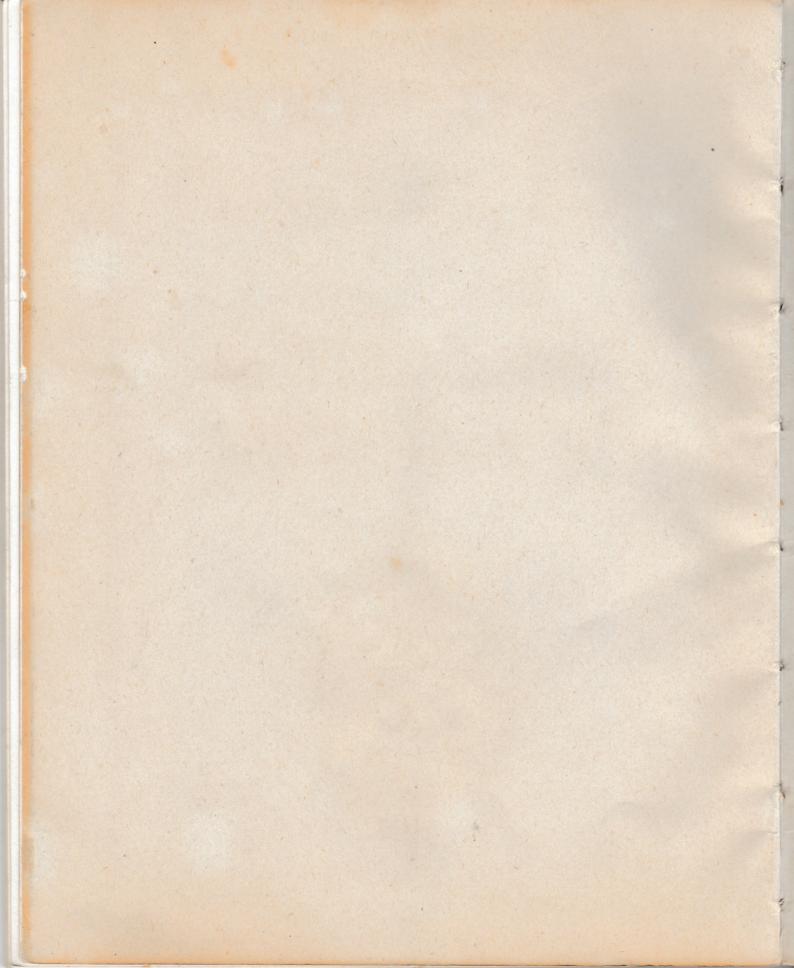
Yours very truly,

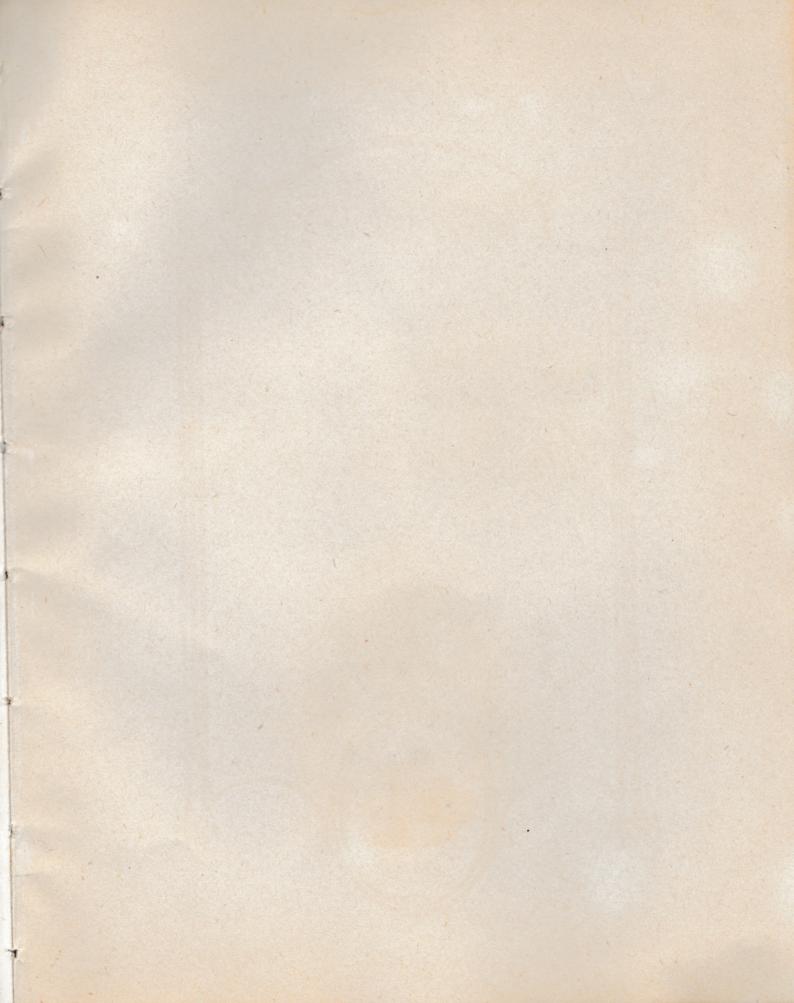
DOMINION CARTRIDGE COMPANY, LIMITED.

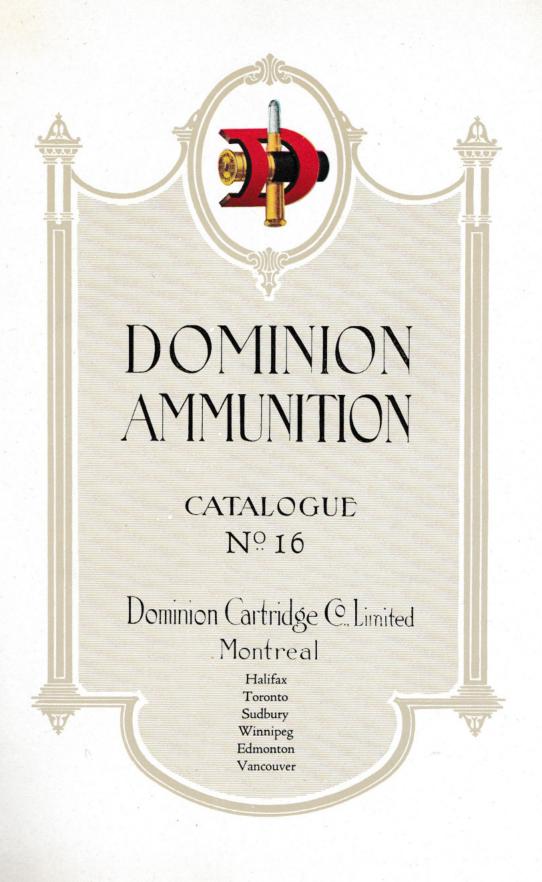
J. Cadham - Director of Sales.

DWK:B

ALL QUOTATIONS SUBJECT TO CHANGE WITHOUT NOTICE









COPYRIGHTED 1920 BY THE

DOMINION CARTRIDGE COMPANY, LIMITED

MONTREAL, CANADA



# Introduction

TN presenting this Catalogue and Price List **■** of DOMINION AMMUNITION to the Jobbers, Retailers and Sportsmen of Canada, we have tried to make it a convenient book of reference, one that will give you an accurate and serviceable knowledge of the many interesting details that enter into the making of DOMINION AMMUNITION. While we have made it as complete as the limited space at our disposal will permit, it is quite possible that a number of questions may arise. You may feel free to ask them. The Company invites correspondence, and will do everything possible to give intelligent information on anything pertaining to arms and ammunition that may interest its patrons.

DOMINION CARTRIDGE CO.
LIMITED

Montreal, Canada



## **AMMUNITION**





# Dominion Selling Plan

If you have difficulty in procuring Dominion Cartridge Company products, we would thank you to write us direct as it is our intention that you shall be able to easily obtain all Dominion ammunition, and at a fair and reasonable price.

In writing, state fully your requirements in accordance with catalogue description. Write plainly, giving post office address, town, province and street address, if any.

It should be borne in mind that ammunition, primers and primed shells can only be shipped by freight or express.

## Service

We have established offices at Vancouver, Edmonton, Winnipeg, Sudbury, Toronto, Montreal and Halifax, with local representatives covering all parts of the country. These men know ammunition and guns, and if you wish any advice, or have any complaints, please get in touch with our nearest office.

Our representatives will be pleased to be of service to you, and will be glad to assist in the formation of gun clubs, revolver or rifle clubs. Write to our Service Department, Montreal Office, for information at any time.

# Dominion Empty Brass Shot Shells



**Brass Empty** 

The Dominion Brass Shells for Black Powder are made of superior material. They may be reloaded many times. The Dominion No. 2 Primer should always be used when reloading Dominion Brass Shells. Perfect satisfaction cannot be depended upon when Brass Shells are loaded with smokeless powder.

Code Word							st price er 100
Fakirs		$2\frac{1}{2}$	inches,			lbs	
Finmark	12 "	25	"		62	. "	19.00
Fifer		23	44	" "	65	"	20.00
Fair		25	44	" "	80	) "	19:00
Flanders	10 "	21	46	" "	84	4 "	20.00

Packed 25 in a box and 1,000 in a case.

# Dominion Empty Paper Shot Shells



**Dominion Empty** 

Code Word	For	Bla	ack Pow	der			ist price er 1,000
Fable20	Gauge	21	inches	Weight of ca	ase 12	5 lbs	\$28.50
Fabric		21/2	44	" "	13	5 "	28.50
Facade		25	44-		15	4 "	29.00
Fagot		23	40	44 4	15	4 "	32.50
Falcon			"	"	" 16	64 "	32.50
Packed 100 in a box, 5,00	00 in a case.	W	hen reload	ing use only De	ominio	n No. 2 Primer.	



**Dominion Empty** 

Code Word For B	ulk and	Dens	se Smo	keless Powd	ers	List price per 1,000
Fallow	Gauge	21/2			se 125 lbs	
Famine		2%	46		135 "	
Farina12	. "	25	44		154 "	
Fancy12	. "	23	44		154 "	36.50
Farrow10	) "	$2\frac{3}{4}$	"	" "	164 "	36.50

Packed 100 in a box, 5,000 in a case. When reloading use only Dominion 3B Primer.

# Loaded Paper Shot Gun Shells



#### Crown Black Powder

Crown shells are red in color. They are primed with the Dominion No. 2 Primer and loaded with Canadian Explosives' Snapshot Powder. These Shells are manufactured and loaded by our automatic machinery. Exhaustive tests show them to be made of the best materials and that the following combinations of powder and shot produce the very best results. Order by using load letter and size of shot; i.e., 1,000 C. J. 6 means 1,000 Crown,  $3\frac{1}{4}$  drams,  $1\frac{1}{8}$  oz., No. 6 Shot.

Gauge         Load Letters         Powder drams         Shot ources           *20.         CW.         2½.         ½.           *16.         CB.         2¼.         1           12.         CF.         3.         1.           *12.         CJ.         3½.         1½.           12.         CL.         3½.         ½.           10.         CU.         4¼.         1½.           *10.         CV.         4¼.         1½.           *10.         CV.         4¼.         1½.           *10.         CV.         4½.         1¼.           *10.         CV.         4½.         1½.           *10.         CV.         4½.         1½.           *10.         CV.         4½.         1½.           *10.         CV.         3½.         1           *10.         CV. <t< th=""><th>Shot Sizes  1 to 10.  BB, 4A. BB, SG. BB, AA SSG. BB, AA, SSG.</th><th></th><th>77.00 74.00 78.50 80.00 87.50 90.50 78.50 83.00 80.00</th></t<>	Shot Sizes  1 to 10.  BB, 4A. BB, SG. BB, AA SSG. BB, AA, SSG.		77.00 74.00 78.50 80.00 87.50 90.50 78.50 83.00 80.00
*12CL $3\frac{1}{2}$ $1\frac{1}{8}$ 10CU $4\frac{1}{4}$ $1\frac{1}{8}$ *10CV $4\frac{1}{4}$ $1\frac{1}{2}$	BB, AA, SSG. BB, AA, SG. BB, AA, SG. Single Ball Loads	65	. 93.50
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Ball	50	. 89.00 . 90.50

<sup>\*</sup>Recommended Standard Loads.

List Prices for Crown Shells with Chilled Shot in sizes 1 to 10, \$6.00 more per 1,000.

Chilled Shot loaded only on special order.

All Shot Shells are packed 25 to the box and 500 to the case.



#### Sovereign Smokeless Powder

Sovereign shells are green in color. They are primed with the Dominion 3B Primer and loaded with standard Dupont Bulk Smokeless Powder. The **steel reinforced** head and the single knurling insure a strong, safe casing. These features together with the best felt wadding and the chilled shot make up a shell whose pattern, penetration and velocity meet the requirements of all hunters. Order by using load letter, size of shot and initial of powder; i.e., 1,000 SV  $7\frac{1}{2}$  means 1,000 Sovereign  $3\frac{1}{8}$  drams,  $1\frac{1}{4}$  oz.  $7\frac{1}{4}$  chilled

Gauge	Load Letters	Powder drams	Shot ounces	Shot Si	izes	Weight of cas Lbs.	e	List price per 1,000
*20	ST	21	1	1 to 10, Ch. BB, 4A	A	45		\$81.50
*16	SA	2 ½	1	1 to 10, Ch. BB, SC	3	50		82.50
12	SG	3	1	1 to 10, Ch. BB, AA	A. SSG			90.00
*12	SK	31	11					96.00
*12	SH	$3\frac{1}{2}$	$1\frac{1}{8}$	1 to 10, Ch. BB, AA	A. SSG			98.50
*12	SP	3	1 1	7½ Trapload		60		97.00
*12	SV	31	11	7 Trapload				99.50
12	SD	31	$1\frac{1}{8}$	1 to 10, Ch. BB, AA	A. SSG	60		96.00
10	SN	4	1 1	1 to 10, Ch. BB, AA	A. SG	65		105.50
*10	SO	4	1 1	1 to 10, Ch. BB, AA				
*20	ST	21		Ball				
*16	SA	21	1	Ball		50		89.50
12	SG		1	Ball				
*12	SK	31	1	Ball		60		100.00
10	SW	31	1	Ball		65		109.50
			11	Ball		65		114.50



#### Regal Smokeless Powder

Regal shells are yellow in color. They are primed with the Dominion 3B Primer and loaded with the Standard Dense Smokeless Powders—Ballistite and Infallible. Like the Sovereign, the Regal has a steel reinforced head and a single knurling. The Regal is particularly adapted to Dense powders. The popularity of this shell is a warrant of the excellent shooting qualities.

Gauge	Load Letters	Powder grains	Shot	Shot Sizes	Weight of Case Lbs.	List price per 1,000
*16 12 12 *12 *12	RORGRLRJRH	20 24 25 26 24	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		50. 60. 60. 60.	82.50 90.00 96.00 96.00 97.00
				Single Ball Loads		
*16 12	RO RG	20	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Ball Ball Ball Ball Ball Ball Ball Ball		92.50

All Dominion Smokeless Shells are loaded with Standard Double Chilled Shot in sizes 1 to 10. List Prices for Sovereign and Regal Shells with Soft Shot in sizes 1 to 10 \$6.00 less per 1,000. All Shot Shells are packed 25 in a box and 500 in a case.

## Falcon (All Smokeless) Shot Shells



A low priced popular shot shell loaded with DuPont Smokeless Powder.

Dependable, fast and hard hitting. Made in twelve gauge only:

F. G.	3½ Drs. DuPont 1-1/8 oz., double chilled shot,	per 1000
	sizes 1-7½, B.B, S.S.G	\$94.50
F. G.	3 Drs. DuPont 1 oz., One Ball	98.50
F. E.	3 Drs. DuPont 1\(\frac{1}{4}\) oz., $7\(\frac{1}{2}\)$	96.00



This cartridge is adapted to all rifles of this caliber, and is proving very popular with big game hunters on account of its flat trajectory and great shocking power. Muzzle velocity 2,800 f.s. per second, muzzle energy 2,610 foot pounds.

List Price.... \$230.00 per M

#### .25 Stevens Long Lesmok Mushroom

For sportsmen who desire something a little heavier than a .22 Long Rifle this is the ideal cartridge. The mushroom bullet makes it very deadly and the Lesmok powder is clean and uniform

List Price..... \$34.00 per M

#### .22 Long Rifle Super Accurate Smokeless

We have no hesitation in stating we consider this the most accurate .22 cartridge on the market.

List Price..... \$14.00 per M

#### 30/30 Smokeless High Velocity

This cartridge is loaded with a progressive burning powder that gives a flatter trajectory, greater penetration, and, on account of its heavy bullet (170 grains) the greatest shocking power of any 30/30 cartridge on the market.

List Price . . . . \$144.50 per M

# .32 Colt Police Positive or .32 S & W Long Smokeless

This cartridge is adapted to Colt new Police and Smith and Wesson revolvers—it is very accurate and is used extensively for police work.

List Price . . . . \$47.00 per M

.32 Short Colt Smokeless

List Price . . . . \$42.00 per M







## **AMMUNITION** DOMINION

## Loaded Paper Shot Gun Shells-Continued







Canuck-Smokeless

The Canuck-red in color-is the most recent production of our factory. It is of the medium high brass base type with the steel reinforced head. The Canuck is primed with the new Dominion No. 3B Primer. The popularity of the Canuck is a proof of the wisdom of placing on the market a medium priced shell which is equally as serviceable for trap and field shooting.

The Canuck is loaded with Bulk and Dense Smokeless Powders: Dupont, Ballistite and Infallible.

Order by using load letter, size of shot and initial of Powder; i.e. 1,000 DE 7½ D means, 1,000 Canuck 3 drs. Dupont  $1\frac{1}{4}$  oz.  $7\frac{1}{2}$  chilled shot.

#### **Dupont Bulk**

Gauge	Load Letters	Powder drams	Shot	Shot Sizes	Weight of Case Lbs.	List price per 1,000
*20	DM	21	7	1 to 10, Ch. BB, 4A		\$95.0
*16	DT	21	1	1 to 10, Ch. BB, SG	50	96.0
12	DP	3	1	1 to 10, Ch. BB, SG	60	98.5
			11	1 to 10, Ch. BB, SG	60	104.5
*12	DA	31	11	1 to 10, Ch. BB, AA, SSG	60	104.5
*12	DS	31	$\dots 1^{\frac{1}{8}} \dots$	1 to 10, Ch. BB, AA, SSG	60	107.0
*12	DE	3	$1\frac{1}{4}$	7½ Ch. Trap Load	60	105.5
*12	DK	31	11	7½ Ch. Trap Load	60	108.0
			11	7½ Ch. Trap Load	60	108.0
		-	11	7 Ch. Pigeon Load	60	110.5
12	DZ	31	1	1 to 10, Ch. BB, SG	60	103.5
*20	DH	2	5	Ball		96.0
*16	DI	21/2	7	Ball		100.0
			1	Ball		106.0
				-Ball	60	108.5

В	allistite and Infallible Dense		
Grains			
	1 to 10, Ch. BB, 4A		\$95.00
*161	1 to 10, Ch. BB, SG	50	96.00
12DC241	1 to 10, Ch. BB, AA, SSG	.60	98.50
12DW251½	1 to 10, Ch. BB, AA, SSG		104.50
*12DF261\frac{1}{8}	1 to 10, Ch. BB, AA, SSG	60	104.50
*12DN281½	1 to 10, Ch. BB, AA, SSG	60	107.00
*12DD241½	7½ Ch. Trap Load		105.50
*12DJ251½			108.00
	7½ Ch. Trap Load		108.00
	7 Ch. Pigeon Load		110.50
	1 to 10, Ch. BB, SG		103.50
*20DQ185	Ball	45	\$96.00
*16DY20			100.00
			106.00
12DC241			108.50
*121	Ball		108.50

<sup>\*</sup>Recommended Standard Loads.

All Dominion Smokeless Shells are loaded with Standard Double Chilled Shot in sizes 1 to 10. List Prices for Canuck Shells with Soft Shot in sizes 1 to 10, \$6.00 less per 1,000. All shells are packed 25 in a box and 500 in a case.



#### Canuck "Spread-Shot" Shell

A shell designed for brush shooting at close range and will give an open and uniform pattern at ranges of from 15 to 25 yards when used in choke bore guns. Sportsmen who have missed or mutilated game at close range will appreciate the value of the "spread-shot" shell. Loaded with Dupont or Ballistite Smokeless powders in 12, 16 and 20 gauge.

#### Dupont Bulk

Gauge	Load Powder Letters drams	Shot	Shot Sizes	Weight of Case Lbs.	List price per 1,000
12	DSA3	11 6 to	10	60	\$108.00
20	DSC2	3 6 to	10		95.00
	Grains		stite and Infallible		
16	DSE20	1 6 to	0 10		102.00
20	DSF 16	3 6 to	10	45	95.00



#### Canuck "Water-tite"

A perfect wet weather shell specially designed for pump-guns. The crimp is protected by a special top wad which insures smooth working even with damp shells. Particularly adapted for goose and duck shooting, made in 12 gauge only. Primed with 3B primer and loaded with Dupont Bulk and Ballistite dense powders.

#### **Ballistite Dense**

	pad Powder grains	Shot	Shot Sizes	Weight of Lbs.	per 1,000
. ]	DFA26	$\dots 1^{\frac{1}{8}} \dots$	BB, 2, 4, 6, 7	60.	 \$107.50
]	ONB28	$\dots$ 1 $\frac{1}{8}$ $\dots$	BB, 2, 4, 6, 7	60.	 107.50
	Drams		Dupont Bulk		
]	DAC31	11	BB, 2, 4, 6, 7	60.	 107.50
			BB, 2, 4, 6, 7		

All Dominion Smokeless Shells are loaded with Standard Double Chilled Shot in sizes 1 to 10.

List Prices for Canuck Shells with Soft Shot in sizes 1 to 10, \$5.00 less per 1,000

All shells are packed 25 in a box and 500 in a case.



#### Imperial-Smokeless

The Imperial—red in color—is the best type of shell on the Market. It is primed with the Dominion No. 3B Primer. The high brass base and the knurling, together with the waterproof construction, combine to make the Imperial a shell with all the qualities that give absolute shooting satisfaction. The Imperial has a steel reinforced head. This shell is particularly designed to meet the requirements of those hunters who are willing to pay a little more for these special features.

The Imperial is loaded with both Bulk and Dense Smokeless Powders: Dupont, Ballistite and Infallible.

Order by using load letter, size of shot and initial of powder; i.e. 1,000 ID  $7\frac{1}{2}$  B means 1,000 Imperial 24 grs. ballistite  $1\frac{1}{4}$  oz.  $7\frac{1}{2}$  chilled shot.

Imperial shells are manufactured only in 12 gauge.

#### **Dupont Bulk**

Gauge	Load Power Letters dran			Shot Sizes	Weight of Case Lbs.		List price per 1,000
12	IP3		1 to 10, Ch.	BB, AA, SSG	63	.,	\$109.50
12	IR31/8		1 to 10, Ch.	BB, AA, SSG			115.50
*12	IA31	11	1 to 10, Ch.	BB, AA, SSG	63		115.50
*12	IS 3½		1 to 10, Ch.	BB, AA, SSG			118.0
*12	IE3	11	7½ Ch. Trap	Load	63		116.5
*12	IK31	11	7½ Ch. Trap	Load	63		119.0
12	IB31		7½ Ch. Trap	Load	63		119.0
12	IL3½		7½ Ch. Pigeo	n Load	63		121.5
12	IP3		Single Ball		63		116.0
12	IV31		1 to 10, Ch.	BB, AA, SSG			114.5

#### **Ballistite and Infallible Dense**

Grains		
121C241	1 to 10, Ch. BB, AA, SSG63	\$109.50
$121W251\frac{1}{8}$	1 to 10, Ch. BB. AA, SSG63	115.50
*121 <sup>1</sup> <sub>8</sub>	1 to 10, Ch, BB. AA, SSG63	115.50
*121N281\frac{1}{8}	1 to 10, Ch. BB, AA, SSG63	118.00
*12 $1\frac{1}{4}$	7½ Ch. Trap Load	116.50
*12:1J251\frac{1}{4}	7½ Ch. Trap Load63	119.00
121G261 <sup>1</sup> / <sub>4</sub>	7½ Ch. Trap Load	119.00
1210281 <sup>1</sup> / <sub>4</sub>	7½ Ch. Pigeon Load	121.50
	Single Ball	
121Z281	1 to 10, Ch. BB, AA, SSG63	114.50

<sup>\*</sup>Recommended Standard Loads.

All Dominion Smokeless Shells are loaded with Standard Double Chilled Shot in sizes 1 to 10.

List Prices for Imperial Shells with Soft Shot in sizes 1 to 10, \$6.00 less per 1,000.

All shells are packed 25 in a box and 500 in a case.



#### Canuck 28 Gauge

Canuck Shells are steel reinforced, which increases velocity and gives greater protection to the shooter. They have a medium brass base with three knurlings and are primed with Dominion 3B primers with battery cup. Order by using load letter and size of shot.

#### **Black Powder**

Gauge	Load Letters	Powder drams	Shot	Shot Sizes	List price per 1,000
28	DXA.	13	5	2, 4, 6, 8, 10, Soft	. \$67.00
28	DXB.	13	5	Single Ball	82.00

List Prices for Canuck Shells with Chilled Shot in sizes 2 to 10, \$6.00 more per 1,000

#### Smokeless Powder Dupont Bulk

28DZA1\frac{3}{4}\frac{5}{8}	2, 4, 6, 8, 10 Ch	\$102.00
28DZB1\frac{3}{4}\frac{5}{8}	Single Ball	116.00

List Prices for Canuck Shells with Soft Shot in sizes 2 to 10, \$6.00 less per 1,000



#### 410 Gauge Brass Smokeless

A full length brass shell especially adapted for Tadies' or taxidermists' use. Packed 25 in a box, 500 in a case.

Gauge	Length of Case	Shot Sizes	Weight of Case Lbs.	List price per 1,000
410		2, 4, 6, 8, 10	29	\$61.00
		Single Ball		

NOTE-No. 8 Shot will be shipped unless otherwise specified

# Dominion Rim Fire Cartridges

NOTE—All Dominion Rim Fire Black Powder and Lesmok cartridges are loaded with greased bullets. All Dominion .22 Smokeless cartridges are greaseless.

ing official and a second a second and a second a second and a second a second and a second and a second and	
P. P. Cone (Pound Pullet)	List Price
B. B. Caps (Round Bullet) Smokeless Powder, per 1,000	
Weight of Bullet 20 grains.	\$7.00
Packed 100 in a box, 10,000 in a case. Weight of case 43 lbs.	
Adapted to .22 calibre single shot rifles.	
C. B. Caps (Conical Bullet)	
Smokeless Powder, per 1,000	\$8.80
Weight of Bullet 28 grains. Packed 100 in a box, 10,000 in a case. Weight of case 55 lbs. Adapted to .22 calibre Rim Fire Single Shot Rifles.	
.22 Short	610.00
Black or Lesmok Powder, per 1,000	
Smokeless Powder, per 1,000	\$10.70
Packed 50 in a box, 10,000 in a case. Weight of case, Black	67 lbs.;
Smokeless 65 lbs. Adapted to all standard Repeating and Single Shot Rifles;	also Re-
volvers and Pistols made for .22 Short Cartridges.	
.22 Short Mushroom	
Black or Lesmok Powder, per 1,000	\$11.00
Weight of Powder 3 grains. Weight of Bullet 29 grains.	
Smokeless Powder, per 1,000	\$11.50
Packed 50 in a box, 10,000 in a case. Weight of case, Black	69 lbs.;
Smokeless 67 lbs.	and Do
Adapted to all standard Repeating and Single Shot Rifles volvers made for .22 Short Cartridges.	and Re-
.22 Long	
Black or Lesmok Powder, per 1,000	\$12.00
Weight of Powder 3½ grains. Weight of Bullet 30 grains.	615.00
Smokeless Powder, per 1,000	\$15.00
Packed 50 in a box, 10,000 in a case. Weight of case, Black Smokeless 71 lbs.	74 lbs.;
Adapted to all standard Repeating and Single Shot Rifles and	d Pistols
made for .22 Long Cartridges.	
.22 Long Mushroom	
Black or Lesmok Powder, per 1,000	\$13.00
Weight of Powder $3\frac{1}{2}$ grains. Weight of Bullet 29 grains. Smokeless Powder, per 1,000	\$16.00
Weight of Bullet 29 grains.	
Packed 50 in a box, 10,000 in a case. Weight of case, Black Smokeless 71 lbs.	74 lbs.;
Adapted to all standard Repeating and Single Shot Rifles;	also Re-
volvers and Pistols made for .22 Long Cartridges.	



# **AMMUNITION**

## Dominion Rim Fire Cartridges—Continued

.22	Long Rifle	Price
Blac	ck or Lesmok Powder, per 1,000ght of Powder 4½ grains. Weight of Bullet 40 grains.	\$14.00
Sme Wei Pac	okeless Powder, per 1,000	\$17.50
A P	dapted to standard Single Shot and Repeating Rifles; also istols and Revolvers made for .22 Long Rifle Cartridges.	
.22	Long Rifle Mushroom	
	ck or Lesmok Powder, per 1,000ght of Powder 4½ grains. Weight of Bullet 39 grains.	\$15.20
Wei	okeless Powder, per 1,000	\$18.70
.22	Extra Long	
Bla Wei	ck Powder, per 1,000ght of Powder 6 grains. Weight of Bullet 30 grains. ked 50 in a box, 10,000 in a case. Weight of case 80 lbs.	\$21.00
Α	dapted to Single Shot Rifles of this Calibre.	
.22	W. R. F.	
D .22 W.R.F. BLACK Pac A Riff	ck Powder, per 1,000	\$21.00
.22	W. R. F.	
Sm We Pac A Rif	tokeless Powder, per 1,000	\$23.50
	Winchester Automatic	\$23.50
We Pad	cked 50 in a box, 5,000 in a case. Weight of case 54 lbs. Adapted to Winchester Automatic .22 calibre Model 1903.	\$23.30
.25	Stevens Short	
0 STEVENS SHORT Pag	ack Powder, per 1,000	\$23.50



## **AMMUNITION**

## Dominion Rim Fire Cartridges-Continued



.25 Stevens Long	Price
Black Powder, per 1,000.	\$33.00
Weight of Powder 9 grains. Weight of Bullet 65 grains.	
Packed 50 in a box, 2,000 in a case. Weight of case 35 lbs.	

Adapted to Marlin Repeating Rifle of this calibre and to Stevens, Remington and Winchester Single Shot Rifles.



#### .30 Short

Adapted to Colts, Sharps No. 2, Standard O. K., Stevens Single Shot and other Pistols.



#### .30 Long



#### .32 Short

Adapted to the various Revolvers, Single Shot Pistols and Single Shot Rifles of this calibre, also Marlin Repeating Rifle, Model 1892.



#### .32 Long

Adapted to the various Revolvers, Single Shot Pistols and Single Shot Rifles of this calibre, also Marlin Repeating Rifle, Model 1892.



#### .38 Short



#### .38 Long



## **AMMUNITION**

## Dominion Rim Fire Cartridges-Continued



.44 Extra Long	Price
Black Powder, per 1,000	\$84.00
Weight of Powder 30 grains. Weight of Bullet 220 grains.	
Packed 25 in a box, 1,000 in a case. Weight of case 51 lbs.	

Adapted to F. Wesson, Ballard, Remington, Robinson, Howard and other Rifles.



#### .44 Flat

Adapted to Henry and Winchester Model 1866 Rifles, and Colt Revolvers.



#### .44 Pointed

Adapted to Henry and Winchester Model 1866, and Colts Revolvers.



#### .46 Short

Adapted to Remington, Smith and Wesson, and other Army Revolvers.



#### .56-46 Spencer

Adapted to Spencer Sporting Rifles.



#### .56-50 Spencer

Adapted to Spencer, Remington, Sharps, Peabody, and other Rifles and Carbines.



#### .56-52 Spencer



## **AMMUNITION**

List

## Dominion Centre Fire Revolver and Rifle Cartridges

	_	
O.C.	DOMINION	
	25-20 SOFT POINT	COLUMN TO SERVICE STATE OF THE PARTY OF THE
3-20	SMOKELESS	

.25-20 Dominion	Price
Black Powder. Lead Bullet, per 1,000	\$56.00
Adapted to Marlin and Winchester Repeating Rifles.	



.25-20 Dominion	
Smokeless Powder. Soft Point, per 1,000	\$70.00
Weight of Bullet 86 grains. Packed 50 in a box, 2,000 in a case. Weight of case 52 lbs.	
Adapted to Marlin and Winchester Repeating Rifles. Not adapted to Single Shot Rifles.	



.25 Colt Automatic	
Smokeless Powder, Full Metal Cased Bullet, per 1,000	\$58.00
Weight of Bullet 50 grains.	
Packed 50 in a box, 2,000 in a case. Weight of case 30 lbs.	
. Adapted to Browning, Colt, Savage, Webley & Scott	
and other automatic Pistols of this calibre.	



Too mile to the man ( Too man)	
Metal Cased Bullet (85 grains) per 1,000	\$ 91.00
Metal Cased Bullet (packed in clips) per 1,000	\$174.00
Packed without clips, 50 in a box, with clips 20 in a box,	

Packed without clips, 50 in a box, with clips 20 in a box, 2,000 in a case, weight of case with clips 65 lbs., without clips 53 lbs.

Adapted to Mauser Automatic Pistol.

.30 Mauser Smokeless Powder (7.63 M-M)



## 



#### 

98 lbs. Adapted to Smith & Wesson, H. & R., H. & A., and other Revolvers.

NOTE—.32 S. & W. will not interchange with .32 Colt.



#### .32 Short Colt

other Revolvers.

Adapted to Colt, Webley and other Revolvers, also Marlin Rifle Model 1892.

NOTE-.32 Colt will not interchange with .32 S. & W.



## **AMMUNITION**

#### Dominion Centre Fire Revolver and Rifle Cartridges-Continued

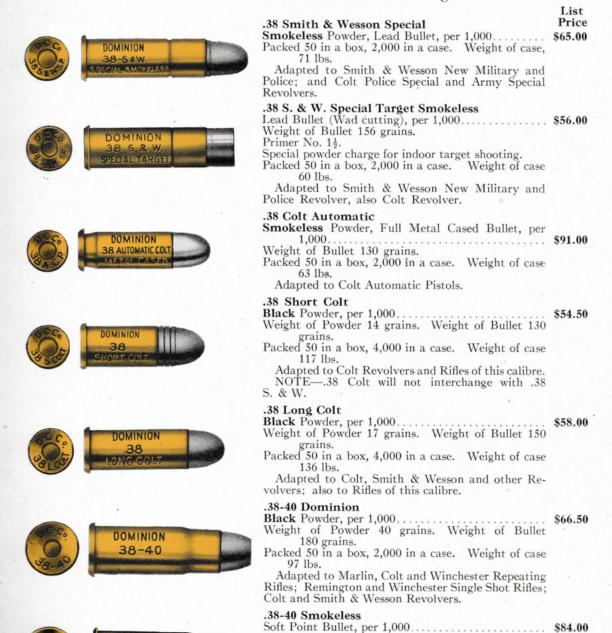


DOMINION



## **AMMUNITION**

#### Dominion Centre Fire Revolver and Rifle Cartridges—Continued



For sizes of primers and prices of primed shells and bullets see condensed table.

Weight of Bullet, 180 grains.

and Revolvers of this calibre.

Packed 50 in a box, 2,000 in a case. Weight of case 95 lbs.

Adapted to Marlin, Colt and Winchester Repeating Rifles; Remington and Winchester Single Shot Rifles



# **AMMUNITION**

## Dominion Centre Fire Revolver and Rifle Cartridges-Continued

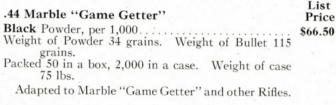
DOMINION 44 WEBLY	.41 Short Colt Black Powder, per 1,000 Weight of Powder 14 grains. Weight of Bullet 160 grains. Packed 50 in a box, 2,000 in a case. Weight of case 70 lbs. Adapted to Colt Double Action Pistols.	List Price \$52.50
DOMINION 41 LONG GOLF	.41 Long Colt Black Powder, per 1,000 Weight of Powder 21 grains. Weight of Bullet 200 grains. Packed 50 in a box, 2,000 in a case. Weight of case 84 lbs. Adapted to Colt Double Action Revolvers.	\$61.50
DOMINION 41 SHORT COLT	.44 Webley Black Powder, per 1,000 Weight of Powder 18 grains. Weight of Bullet 200 grains. Packed 50 in a box, 2,000 in a case. Weight of case 85 lbs. Adapted to Webley Double Action Pistols and H. & R. Revolvers.	\$58.00
DOMINION 44 COLT	.44 Colt Black Powder, per 1,000. Weight of Powder 23 grains. Weight of Bullet 210 grains. Packed 50 in a box, 2,000 in a case. Weight of case 98 lbs. Adapted to Old Model Single Action Colt.	\$70.00
DOMINION 44 - 5 & W RUSSIAN	44 Smith & Wesson, Russian Black Powder, per 1,000 Weight of Powder 25 grains. Weight of Bullet 255 grains. Packed 50 in a box, 2,000 in a case. Weight of case 107 lbs. Adapted to Smith & Wesson Russian Model No. 3, Colt Revolvers and Remington Single Shot Target Pistol.	\$70.00
DOMINION 44-40 BLACK	.44-40 Dominion Black Powder, Lead Bullet, per 1,000 Weight of Powder 40 grains. Weight of Bullet 200 grains. Packed 50 in a box, 2,000 in a case. Weight of case 102 lbs. Adapted to Winchester Model 1873 and 1892, Marlin and Colt Repeating Rifles, Winchester and Remington Single Shot Rifles; also Smith & Wesson Double Action and Colt Revolvers.	\$66.50
DOMINION 4440 SOFT POINT SMOKELESS	•44-40 Dominion Smokeless Powder, Soft Point Bullet, per 1,000 Weight of bullet 200 grains. Packed 50 in a box, 2,000 in a case. Weight of case, 94 lbs. Adapted to Winchester Model 1873 and 1892, Marlin and Colt Repeating Rifles, Winchester and Remington Single Shot Rifles; also Smith & Wesson Double Action and Colt Revolvers.	\$84.00



## **AMMUNITION**

## Dominion Centre Fire Revolver and Rifle Cartridges-Continued







.45 Webley	
Black Powder, per 1,000	\$70.00
Packed 50 in a box, 2,000 in a case. Weight of case 97 lbs.	

Adapted to Webley Double Action Pistol.



.45 Colt Black Powder, per 1,000..... Weight of Powder 38 grains. Weight of Bullet 255 grains. Packed 50 in a box, 2,000 in a case. Weight of case

119 lbs. Adapted to Colt Revolvers.



.45 Colt Smokeless Powder, per 1,000..... \$86.00 Weight of bullet (lead) 255 grains. Packed 50 in a box, 2000 in a case, weight of case 119 lbs. Adapted to Colt single and double action, Army, and New Service Revolvers.



.455 Colt Smokeless Powder, Lead Bullet, per 1,000.... \$84.00 Weight of bullet 272 grains. Packed 50 in a box, 2000 in a case, weight of case, 108 lbs. Adapted to Webley-Fosbury Automatic, English Government Service and Colt New Service Revolvers.



.455 Service (Eley) Smokeless Powder, Lead Bullet, per 1,000...... \$84.00 Weight of Bullet 272 grains. Packed 50 in a box, 2,000 in a case. Weight of case 106 lbs. Adapted to New Service Webley (Mark II), Colt New Service .455 and other Revolvers.



.455 Match Smokeless Powder, Lead Bullet (wad cutting) per 1,000. Weight of Bullet 180 grains. Packed 50 in a box, 2,000 in a case. Weight of case

Adapted to New Service Webley (Mark II), Colt New Service .455 and other Revolvers.

## Dominion Centre Fire Sporting and Military Cartridges





.250 Savage High Power Smokeless	List Price
Soft Point Bullet (87 grains) per 1,000.	\$160.00

Packed 20 in a box, 1,000 in a case. Weight of case 50 lbs. Adapted to Savage High Power Rifle.





#### .25-35 Dominion Smokeless





#### .280 Smokeless

Weight of Bullet 178 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 80 lbs.

Adapted to .280 Ross Sporting Rifle and other Rifles of this calibre.



## **AMMUNITION**

## Dominion Centre Fire Sporting and Military Cartridges-Continued



	List
.30-30 Dominion Smokeless	Price
	\$144.50

Packed 20 in a box, 1,000 in a case. Weight of case, 55 lbs. Adapted to Winchester, Marlin and Savage Rifles.



#### .30-30 Dominion Smokeless

Weight of Bullet, 170 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 55 lbs.

Adapted to Winchester, Marlin and Savage Rifles.

NOTE—These cartridges are loaded with a progressive burning powder that gives a flatter trajectory, greater penetration and shocking power. On account of the increased velocity (2,187 ft. per second) it is necessary to adjust the sights accordingly. See special label on box.





#### .30 Remington (Rimless) Smokeless

Soft Point Bullet (170 grains) per 1,000. \$144.50
Packed 20 in a box, 1,000 in a case. Weight of case 58 lbs.
Adapted to Remington, Stevens and Standard Rifles.





#### .30 United States Army (.30-220) Smokeless

Soft Point Bullet, per 1,000. \$190.00

Weight of Bullet, 220 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 71 lbs.

Adapted to Krag-Jorgensen and Winchester Model 1895.



## **AMMUNITION**

## Dominion Centre Fire Sporting and Military Cartridges-Continued





#### .30 Springfield (Rimless) 1906 Smokeless

List Price

Metal Cased Pointed Bullets (150 grains) per 1,000....

\$209.00

Packed 20 in a box, 1,000 in a case. Weight of case 72 lbs.

Adapted to 1903 Model U.S. Springfield Magazine Rifle, chambered for .06 cartridge and Winchester Rifle Model 1895.





#### .30 Springfield (Rimless) 1906 Smokeless

Soft Point Bullet (190 grains) per 1,000.

\$209.00

Packed 20 in a box, 1,000 in a case. Weight of case 77 lbs.

Adapted to 1903 Model U.S. Springfield Magazine Rifle, chambered for .06 cartridge and Winchester Rifle Model 1895.





#### .303 Savage Smokeless

Soft Point Bullet, per 1,000.....

\$144.50

Weight of Bullet, 190 grains.

Packed 20 in a box, 1,000 in a case. Weight of case, 62 lbs.

Adapted to Savage Repeating Rifle.

NOTE-.303 Savage Cartridge will not interchange with .303 British.





#### .303 Savage Smokeless

Hard Point Bullet, per 1,000.....

\$144.50

Weight of Bullet, 190 grains.

Packed 20 in a box, 1,000 in a case. Weight of case, 62 lbs.

Adapted to Savage Repeating Rifle.

NOTE.—.303 Savage Cartridge will not interchange with .303 British.



## **AMMUNITION**

Dominion Centre Fire Sporting and Military Cartridges—Continued





.303 British Smokeless

List Price \$209.00

Match Bullet, per 1,000...

Weight of Bullet, 203 grains.

This cartridge was designed especially for Match shooting previous to the use of the present Mark VII. It is similar to the Mark VII, except that the Match bullet is slightly longer and is 28 grains heavier.

Packed 20 in a box, 1,000 in a case. Weight of case 70 lbs.

Adapted to Ross .303 Service and Sporting Rifles, Lee-Metford, Lee-Enfield and Winchester Model 1895.

NOTE -. 303 British will not interchange with .303 Savage.





#### .303 Mark VII Smokeless

Pointed Bullet, per 1,000... Weight of Bullet 175 grains. \$209.00

Packed 20 in a box, 1,000 in a case. Weight of case 67 lbs.

Adapted to Ross .303 Service and Sporting Rifles, Lee-Metford, Lee-Enfield and Winchester Model 1895

NOTE-.303 Mark VII will not interchange with .303 Savage.





.303 British Smokeless

\$190.00

Packed 20 in a box, 1,000 in a case. Weight of case 72 lbs.

Adapted to Ross .303 Service and Sporting Rifles, Lee-Metford, Lee-Enfield and Winchester Model 1895.

NOTE-.303 British will not interchange with .303 Savage.





.303 British Smokeless

. . . . . . . . . . . . . . . . . . \$190.00

Packed 20 in a box, 1,000 in a case. Weight of case 72 lbs.

Adapted to Ross .303 Service and Sporting Rifles, Lee-Metford, Lee-Enfield and Winchester Model 1895.

NOTE—.303 British will not interchange with .303 Savage.



## **AMMUNITION**

## Dominion Centre Fire Sporting and Military Cartridges-Continued





.32 Special Smokeless	Price
Soft Point Bullet, per 1,000	\$144.50

Weight of Bullet 170 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 56 lbs.

Adapted to Winchester Model 1894, and Marlin Repeating Rifles.





#### .32 Remington Rimless Smokeless

Weight of Bullet 170 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 58 lbs. Adapted to Remington, Stevens and Standard Rifles.





#### .32-40 Black Powder

Lead Bullet, per 1,000 \$102.50

Weight of Powder 40 grains. Weight of Bullet 165 grains. Packed 20 in a box, 1,000 in a case. Weight of case 58 lbs. Adapted to Winchester, Marlin, Savage and Ballard Rifles.





#### .32-40 Smokeless Powder

Soft Point Bullet, per 1,000. \$121.50

Weight of Bullet 165 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 53 lbs. Adapted to Winchester, Marlin, Savage and Ballard Rifles.

# DOMINION AMMUNITION

## Dominion Centre Fire Sporting and Military Cartridges-Continued





.33 Winchester Smokeless	List Price
Soft Point Bullet, per 1,000	\$190.00
Weight of Bullet 200 grains.	
Packed 20 in a box, 1,000 in a case. Weight of case 81 lbs.	
Adapted to Winchester Rifle Model 1886.	





#### .35 Remington (Rimless) Smokeless

Soft Point Bullet, per 1,000 . \$159.50

Weight of Bullet 200 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 65 lbs.

Adapted to Remington, Stevens and Standard Rifles.



#### .351 Self Loading Smokeless



## **AMMUNITION**

Dominion Centre Fire Sporting and Military Cartridges-Continued



	DOMINION		THE RESIDENCE OF
	38-55 BLACK		Separate Sep
TOWN DESIGNATION OF		WEST TO SEE STATE OF THE SECOND SECON	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW

.38-55 Black Powder

List Price \$125.50

Lead Bullet, per 1,000.....

Weight of Powder 47 grains. Weight of Bullet 255 grains. Packed 20 in a box, 1,000 in a case. Weight of case 77 lbs.

Adapted to Winchester, Marlin, Ballard and Savage Rifles.





#### .38-55 Smokeless Powder

Hard Point Bullet, per 1,000....

.. \$152.00

Weight of Bullet 255 grains.

Packed 20 in a box, 1,000 in a case. Weight of case, 73 lbs.

Adapted to Winchester, Marlin, Ballard and Savage Rifles.





#### .38-55 Smokeless Powder

Soft Point Bullet, per 1,000.....

. \$152.00

Weight of Bullet 255 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 73 lbs.

Adapted to Winchester, Marlin, Ballard and Savage Rifles.





#### .40-60 Marlin Black Powder

Lead Bullet, per 1,000.....

\$121.50

Weight of Powder 60 grains. Weight of Bullet 260 grains. Packed 20 in a box, 1,000 in a case. Weight of case 83 lbs. Adapted to Marlin Rifles.



## **AMMUNITION**

Dominion Centre Fire Sporting and Military Cartridges-Continued





 List Price

\$121.50

Weight of Powder 62 grains. Weight of Bullet 210 grains. Packed 20 in a box, 1,000 in a case. Weight of case 75 lbs.

Adapted to Winchester Model 1876 and Winchester Single Shot Rifles.



Lead Bullet, per 1,000.....



.43 Mauser Black Powder

..... \$133.00

Weight of Powder 78 grains. Weight of Bullet 385 grains. Packed 20 in a box, 1,000 in a case. Weight of case 102 lbs. Adapted to the .43 Mauser Rifle.





.45-60 Dominion Black Powder

Weight of Powder 62 grains. Weight of Bullet 300 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 88 lbs.

Adapted to Winchester Model 1876 and Kennedy Repeating Rifles.





.45-70-405 Dominion Black Powder

Weight of Powder 70 grains. Weight of Bullet 405 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 101 lbs.

Adapted to Springfield, Hotchkiss Repeating Rifles and Winchester Single Shot and Repeating Rifle Model 1886.

# DOMINION AMMUNITION

## Dominion Centre Fire Sporting and Military Cartridges-Continued



.45-70-500 Dominion Black Powder

List Price

.. \$144.60

Lead Bullet, per 1,000...

Weight of Powder 70 grains. Weight of Bullet 500 grains. Packed 20 in a box, 1,000 in a case. Weight of case 120 lbs.

Adapted to Springfield, Hotchkiss Repeating Rifles and Winchester Single Shot and Repeating Rifle, Model 1886.





.45-70 Marlin, Black Powder

Weight of Powder 70 grains. Weight of Bullet 405 grains.

Packed 20 in a box, 1,000 in a case. Weight of case 107 lbs.

Adapted to Marlin and Winchester Repeating Rifle Model 1886.





.45-75 Dominion Black Powder

Weight of Powder 75 grains. Weight of Bullet 350 grains.

Lead Bullet, per 1,000.....

.... \$133.00

Packed 20 in a box, 1,000 in a case. Weight of case 101 lbs.

Adapted to Winchester Model 1876, Winchester Single Shot and Kennedy Repeating Rifles.



Lead Bullet, per 1,000.....



.45-85 Dominion Black Powder

Will CD 1 of ' Will CD 1 250 '

\$131.00

Weight of Powder 85 grains. Weight of Bullet 350 grains. Packed 20 in a box, 1,000 in a case. Weight of case 105 lbs. Adapted to Winchester Repeating Rifle Model 1886.



## **AMMUNITION**

Dominion Centre Fire Sporting and Military Cartridges-Continued





.45 Martini Henry, Black Powder

List Price \$159.50

\$181.60

Lead Bullet, per 1,000.....

Weight of Powder 90 grains. Weight of Bullet 480 grains. Packed 10 in a box, 1,000 in a case. Weight of case 141 lbs. Adapted to Martini Henry Rifles and Carbines.





#### .450 Express, Black Powder





.50-95 Express, Black Powder

Weight of Powder 95 grains. Weight of Bullet 312 grains.
Packed 20 in a box, 1,000 in a case. Weight of case 99 lbs.
Adapted to Winchester Express Model 1886 and Single Shot Rifles.





#### .57 Snider, Black Powder

Lead Bullet, per 1,000. \$152.00

Weight of Powder 75 grains. Weight of Bullet 480 grains.

Weight of Powder 75 grains. Weight of Bullet 480 grains. Packed 10 in a box, 1,000 in a case. Weight of case 118 lbs. Adapted to Snider Rifles.



## **AMMUNITION**

# Dominion Rim Fire Shot Cartridges



List .22 Long Shot Price Black Powder, per 1,000 . . . \$22.00 Loaded with No. 10 Shot.

Packed 50 in a box, 10,000 in a case. Weight of case 57 lbs.

Function in all .22 Rifles and Revolvers adapted to .22 Long and .22 Long Rifle Cartridges.

## .32 Long Shot



Black Powder, per 1,000..... \$44.00 Loaded with No. 10 Shot.

Packed 50 in a box, 5,000 in a case. Weight of case 74 lbs.

Adapted to Rim Fire Rifles and Revolvers which take .32 Long Cartridges.

# Dominion Centre Fire Shot Cartridges





.38 Smith & Wesson

Black Powder, per 1,000..... \$43.50 Loaded with No. 10 Shot. Packed 50 in a box, 2,000 in a case. Weight of case 52 lbs. Adapted to Revolvers taking .38 S. & W. Cartridges.

## .44-40 Shot



Black Powder, per 1,000..... \$60.00 Loaded with No. 7 Shot.

Packed 50 in a box, 2,000 in a case. Weight of case 91 lbs.

Adapted to Winchester, Marlin, Colt and other Repeating Rifles; Remington, Winchester and other Single Shot Rifles; also Colt, S. & W., M. H. & Co. Revolvers.



#### .44-40 I.X.L. Shot

Black Powder, per 1,000..... Loaded with No. 7 shot. Packed 50 in a box, 2,000 in a case. Weight of case 100 lbs. Adapted to I.X.L. and other Shot Guns.





## .57 Snider Shot

Black Powder, per 1,000...... \$152.00 Loaded with 2, 4 or 6 Shot. Packed 25 in a box, 1,000 in a case. Weight of case 105 lbs. Adapted to Snider Rifles of this

calibre.





# .43 Mauser Shot

Black Powder, per \$140.50 1,000 . . Loaded with No. 6 Shot. Packed 20 in a box, 1,000 in a case. Weight of case 71

Adapted to .43 Mauser Rifles.



## **AMMUNITION**

# Dominion Blank Cartridges

Loaded with a special Black Powder, which, together with the special wadding and crimping, provides an extra loud report.



## .22 Rim Fire Blank

Per 1,000..... \$6.00

Packed 100 in a box, 10,000 in a case. Weight of case 21 lbs.

Adapted to Rim Fire Rifles and Revolvers of this calibre.



## .32 Rim Fire Blank

Packed 50 in a box, 5,000 in a case. Weight of case 25 lbs.

Adapted to Rim Fire Rifles and Revolvers of this calibre.





#### .32 S. & W. Blank

Packed 50 in a box, 5,000 in a case. Weight of case 34 lbs. Adapted to Smith and Wesson, and other Revolvers.





.38 S. & W. Blank

Packed 50 in a box, 2,000 in a case. Weight of case 20 lbs. Adapted to Smith and Wesson, and other Revolvers.

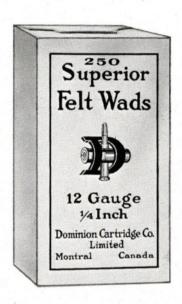


# **AMMUNITION**

# Dominion Primers for Shot Shells, Pistol & Rifle Cartridges

Code Ganges	No. 1	Copper for Black and Smokeless Pistol Cartridges. Weight of case 10 lbs.
		Price per 1,000
Genoa	No. 1½	Copper for Black and Smokeless Cart- ridges, used in Pistols as well as Rifles. Weight of case 10 lbs.
		Price per 1,000
Gilead	No. 2	Copper for Black Powder Shot Shells and Revolver Cartridges taking large Primer. Weight of case 12 lbs.
		Price per 1,000
Gameland	No. 2½	Copper for Rifle Cartridges. Weight of case 12 lbs.
		Price per 1,000
Condola	No. 3A	Copper for Smokeless Shot Shells with Battery Cup. Weight of case 17 lbs.
		Price per 1,000
Gamer	No. 3B	Copper for Smokeless Shot Shells with Battery Cups. All Dominion Smoke- less Shot Shells are primed with this improved Primer. Weight of case 17 lbs.
		Price per 1,000 \$11.00
Gimlet	No. $8\frac{1}{2}$	Brass for Smokeless Rifle Cartridges. Weight of case 12 lbs.
	No.	Price per 1,000
		, $2\frac{1}{2}$ and $8\frac{1}{2}$ are same size.
Primers boxes of 1	are pac	eked only in divisional explosive proof a box. 10,000 Primers in a case. Primers

cannot be shipped by mail.



		½8" Thick	Price per
10	Gau	ge	1,000
12	u		\$5.40
16	"		4.50
20	"		4.50
20			4.50
		1/4" Thick	
10	Gau	gege	\$7.60
12	"		6.50
16	"		
20	"		6.50
20			6.50
		3/8" Thick	
10	Gau	ge	\$12.60
12	"		11.70
16	"		11.70
20	"		11.70
		Packed 250 in a box	11.70
		Over Shot Wads (Card)	
10	Gaus	ge	.80
12	"		.70
16	"		
20	"		.70
			.70
		Over Powder Wads (Card)	
10	Gaug	ge	.80
12	"		.70
16	"		.70
20	"		.70
			.70



## **AMMUNITION**

# Tables of Packing



Brass Shot Gun Shells, all gauges.

25 in a box, 40 boxes or 1,000 in a case.

Empty Paper Shot Gun Shells, all gauges.

100 in a box, 50 boxes or 5,000 in a case.

Loaded Paper Shot Gun Shells, all gauges.

25 in a box, 20 boxes or 500 in a case.

Rim Fire, Ball, Shot and Blank Cartridges.

Cases containing 10,000 have 200 packages of 50 each.

Cases containing 5,000 have 100 packages of 50 each.

Cases containing 3,000 have 60 packages of 50 each.

Cases containing 2,000 have 40 packages of 50 each.

Cases containing 1,000 have 40 packages of 25 each.

## Exceptions:

BB and CB caps, 10,000 to a case, 100 packages of 100 each. .22 Blank, 10,000 to a case, 100 packages of 100 each.

The following are packed in paste-board cartons, there being 10 packages to the carton. BB caps, 22 Short Long, Long Rifle (Black, Lesmok and Smokeless), 22 Short, Long, Long Rifle Mushroom (Black and Smokeless).

Centre Fire Pistol, Rifle, Sporting and Military, Ball and Shot Cartridges.

Cases containing 5,000 have 100 packages of 50 each.
Cases containing 4,000 have 80 packages of 50 each.
Cases containing 3,000 have 60 packages of 50 each
Cases containing 2,000 have 40 packages of 50 each

Cases containing 1,000 have 50 packages of 20 each

## **Exceptions:**

45 Martini-Henry, .450 Express, and .57 Snider, all packed 1,000 to the case, 100 packages of 10 each.

# Condensed List of Metallic Cartridges

## Rim Fire Cartridges

Calibre	Telegraphic Code	List price per 1,000	Weight of Bullet	Contents of Case	Weight of Case
			Grains	M	Lbs.
22 BB Caps Smokeless	Aden	\$7.00	20	10	43
22 CB Caps Smokeless	Adowa	8.80	28	10	55
22 Short Black	Agra	10.00	30	10	67
22 Short "Lesmok"	Agrate	10.00	30	10	67
22 Short Smokeless	Agog	10.70	30	10	65
22 Short Black Mush	Albino	11.00	29	10	69
22 Short Smokeless Mush	Agate	11.50	29 .	10	67
22 Long Black	Ailsa	12.00	30	10	74
22 Long "Lesmok"	Aduno	12.00	30	10	74
22 Long Smokeless	Alloy	15.00	30	10	71
22 Long Black Mush	Arat	13.00	29	10	74
22 Long Smokeless Mush	Almond	16.00	29	10	71
22 Long Rifle Black	Algen	14.00	40	10	91
22 Long Rifle "Lesmok"	Adart	14.00	40	10	91
22 Long Rifle Smokeless	Adair	17.50	40	10	86
22 L. R. Black Mush	Alack	15.20	39	10	90
22 L.R. Les. Mush	Alucid	15.20	39	10	90
22 L. R. Smokeless Mush	Amado	18.70	39	10	89
22 Extra Long Black	Alba	21.00	30	10	. 80
22 Win, Black	Aldet	21.00	45	5	58
22 Win. Smokeless	Anchor	23.50	45	5	56
22 Auto. Smokeless	Andiron	23.50	45	5	54
25 Short Black	Amilron	23.50	65	2	30
25 Long Black	Amalgam	33.00	65	2	35
32 Short Black	Amberton	23.50	82	5	87
32 Long Black	Ambrila	27.00	90	5	98
38 Short Black	Alora	37.50	130	3	88
38 Long Black	Alton	42.00	148	3	97
44 Flat	Amand	56.00	200	2	89
56/46 Spencer	Arundel	93.50	330	1	72
56/50 Spencer	Ascalon	93.50	350	1	75
56/52 Spencer	Ashford	93.50	386	1	80

## Rim Fire Blank Cartridges

Calibre	Telegraphic Code	List price per 1,000	Contents of Case	Weight of Case
			M	Lbs.
22 Short	Hackle	\$ 6.00	10	21
32 Short	Handfull	11.00	. 5	25

## Rim Fire Shot Cartridges

Calibre	Telegraphic Code			Contents of Case	
			No.	M	Lbs.
22 Long Black	Ebony	\$22.00	10	10	57
32 Long Black			10	5	74

Smokeless Cartridges supplied with greaseless bullets, Black and Lesmok Cartridges supplied with greased bullets.

## Condensed List of Metallic Cartridges-Continued

## Centre Fire Revolver and Rifle Cartridges

Calibre	Telegraphic Code	List Price per 1,000	Primer No.	Style of Bullet	Weight of Bullet	Contents of Case	Weight of Case	Bullets per 1,000	Primed shells per 1,000
					Grains	M	Lbs.		
25/20 Black	Banners	\$56.00	11/2	Lead	86	2	53	14.50	43.00
25/20 Smokeless	Bough	70.00	$1\frac{1}{2}$	S.P.	86	2	52	18.00	43.00
25 Colt Auto. Smokeless	Burton	58.00	1	M.C.	50	2	67		
30 Mauser Smokeless	Bender	91.00	11/2	M.C.	85	2	53		
32 S. & W. Black	Beagles	38.50	1	Lead	85	5	99	11.00	21.50
32 S. & W. Smokeless	Bowes	42.00	1	Lead	85	5	98	11.00	21.50
32 Short Colt Black	Beaumont	38.50	1	Lead	82	5	94	11.00	21.50
32 Long Colt Black	Bedford	42.00	1	Lead	90	5	108	11.00	23.50
32 Colt Auto. Smokeless	Barter	63.00	1	M.C.	74	2	41		
32/20 Black	Behring	. 56.00	11/2	Lead	115	2	62	14.50	32.50
32/20 Smokeless	Barne	70.00	11/2	S.P.	115	2	62		
32 S. & W. Black	Belgard	47.00	1	Lead	145	2	65	16.00	27.00
38 S. & W. Smokeless	Beman	54.50	1	Lead	145	2	63	16.00	27.00
38 S. & W. Special Smokeless	Bell	65.00	$6\frac{1}{2}$	Lead	158	. 2	71	17.00	32.50
38 S. & W. Special Black	Bannock	58.00	1	Lead	158	2	74	17.00	32.50
38 Short Colt Black	Bellac	47.00	1	Lead	130	4	117	14.50	25.50
38 Long Colt Black	Belmonte	51.00	1	Lead	150	4	136	16.00	27.00
38 Colt Auto Smokeless	Buffalo	91.00	1	M.C.	130	2	63		
38/40 Black	Bengore	66.50	112	Lead	180	2	97	18.00	36.00
38/40 Smokeless	Bengat	84.00	11/2	S.P.	180	2	95	21.50	36.00
41 Short Colt Black	Bergen	52.50	1	Lead	160	2	70	14.50	27.00
41 Long Colt Black	Belgium	61.50	. 1	Lead	200	2	84	21.50	29.00
44 Webley	Bethel	58.00	2	Lead	200	2	85	21.50	29.00
44 Colt Black	Birket	70.00	2	Lead	210	2	98	21.50	36.00
44 S. & W. Russian Black	Bismil	70.00	2	Lead	255	2	107	23.50	34.00
44 Game Getter	Bittern	. 66.50	11/2	Lead	115	2	75		36.00
44/40 Black	Blackbrom	. 66.50	11/2	Lead	200	2	102	21.50	36.00
44/40 Smokeless	Blaine	. 84.00	11/2	S.P.	200	2	94	21.50	36.00
45 Webley Black	Blackwater	70.00	2	Lead	230	2	97	21.50	34.00
45 Colt Black	Blackford	. 77.00	2	Lead	255	2	119	25.00	38.00
455 Target	Bland	. 85.00	2	Wad C.	222	2	91	28.00	36.00
455 Service	Blanders	. 84.00	2	Lead	272	2	106	27.00	36.00

## Centre Fire Blank Cartridges

	Calibre	Telegraphic Code	List price per 1,000	Contents of Case	Weight of Case
				M	Lbs.
22 S & W		 Harbour	\$22.00	5	34
32 S. & W		Hawker	28.00	2	20

## Centre Fire Shot Cartridges

Calibre	Telegraphic Code	List price per 1,000	Primer No.	Size of Shot	Contents of Case M	Weight of Case Lbs.
38 S. & W. Black	Emir	\$ 43.50	1	10 .	2	52
44/40 Black	Exotic	60.00	11/2	7	2	91
44/40 IXL Shot Black	Elexir	63.00	$1\frac{1}{2}$	7	2	100
43 Mauser Black	Edward	140.50	$2\frac{1}{2}$	6	1	71
57 Snider Black	Epaulet	152.00	$2\frac{1}{2}$	2, 4, 6,	1	105



## Condensed List of Metallic Cartridges—Continued

## Centre Fire Military and Sporting Cartridges

Calibre	Telegraphic Code	List Price per 1,000	Primer No.	Style of Bullet	Weight of Bullet	Contents of Case	of Case	Bullets per 1,000	Primed shells per 1,000
					Grains	$\mathbf{M}$	Lbs.		
250 Savage H. P. Smokeless	Canada	\$160.00	81/2	S.P.	87	.1	50		
280 Ross Smokeless	Cosmit	209.00	81/2	S.P.	178	1	80		
25/35 Smokeless	Curtain	. 125.50	$8\frac{1}{2}$	S.P.	117	1	46	18.00	54.00
30/30 Smokeless	Castra	144.50	81/2	H.P.	160	1	55	21.50	65.00
30/30 Smokeless	Camera	144.50	81/2	S.P.	160	1	55	21.50	65.00
30 Rem. (Rimless) Smokeless	Candid	144.50	81/2	S.P.	170	1	58		
30 U. S. Army Smokeless	Curtos	190.00	81/2	S.P.	220	1	71	54.00	72.00
30 Sp'gfield (Rimless) Smokeless	Crater	209.00	81	S.P.	190	1	71	54.00	81.00
30 Sp'gfield (Rimless) Smokeless	Cantor	209.00	81/2	Pointed	150	1	72	54.00	81.00
303 Savage Smokeless	Camary	144.50	81/2	S.P.	190	1	62	38.00	66.50
303 Savage Smokeless	Caftan	144.50	81/2	H.P.	190	1	62	38.00	66.50
303 British Smokeless	Capsule	. 190.00	81/2	S.P.	215	1	72	54.00	72.00
303 British Smokeless	Cambria	190.00	81	H.P.	215	1	72	54.00	72.00
303 British Smokeless	Capitol	209.00	81	Pointed	202	1	70	54.00	72.00
32/40 Black	Canosa	102.50	81/2	Lead	165	1	58	26.00	54.00
32/40 Smokeless	Culture	121.50	81	S.P.	165	1	53	29.50	54.00
32 Special Smokeless	Cluster	144.50	81	S.P.	170	1	56	29.50	65.00
32 Rem. (Rimless) Smokeless	Color	144.50	81	S.P.	170	1	57		
33 Win. Smokeless	Caruso	190.00	81	S.P.	200	1	81	38.00	93.50
35 Rem. (Rimless) Smokeless	Cavon	159.50	81/2	S.P.	200	1	65		
351 Self Loading Smokeless	Cristen	. 121.50	81	S.P.	180	2	92		
38/55 Black	Cantyre	125.50	81	Lead	255	1	77	34.00	65.00
38/55 Smokeless	Cyclops	152.00	81	S.P.	255	1	73	38.00	65.00
38/55 Smokeless	Cardigan		81	H.P.	255	1	73	38.00	65.00
40/60 Marlin Black	Carleton	121.50	$2\frac{1}{2}$	Lead	260	1 .	83	29.00	72.00
43 Mauser Black	Coolie	133.00	21/2	Lead	395	1	102	38.00	65.00
45/60 Black	Cayuga	125.50	21/2	Lead	300	1	88	32.50	72.00
45/70-405 Black	Chatham	133.00	21/2	Lead	405	1	101		
45/70-500 Black	Ceylon	144.50	$2\frac{1}{2}$	Lead	500	1	120		
45/70 Marlin Black	Chester	133.00	11/2	Lead	405	1	107		
45/75 Black	Cherwell		21/2	Lead	350	1	101	34.00	72.00
45 Martini Henry Black	Clermont	159.50	$2\frac{1}{2}$	Lead	480	1	141		
50/95 Black	Clinton	152.00	$2\frac{1}{2}$	Lead	312	1	99		
57 Snider	Como	152.00	$2\frac{1}{2}$	Lead	480	1	118		
450 Express	Climer			Lead	270	1	110		

# **AMMUNITION**



# Average Ballistics of Popular Dominion Metallic Cartridges

	Weight	Musel	Muzzle		KAJECIOKY	I RAJECTORY, IN INCHES	0	28" S	78" Soft Pine Boards	Soards
Rim Fire	of Bullets Grains	Velocity Ft. per Sec.	Energy of Bullet Foot Lbs.	100 Yards at 50 Yards	200 Yards at 100 Yards	300 Yards at 150 Yards	500 Yards at 250 Yards	Lead	S. P.	M. C.
22 Short Black	28	1005	67.3	:	:	:	:	:	:	:
	28	955		:::			: : :	:	:	:
22 Short Smokeless Greaseless	28	904	54.5		:::			:		:
22 Short S. G. Min. Range	28	789			:::	:		:	:	:
22 Long Black	28	1050	82	: :	:	:	:	:	:	:
22 Long Lesmok	28	1050	82	::		:	:::	:	:	:
	28	930	67.5	: : :		: : :	: :	:	:	:
22 Extra Long	28	1055	100		: : :	:	: :	:	:	:
	38	1005	06	:::	::	: : :	:	:	:	:
	38	1005	06		:::	: :	::	:	:	:
22 Long Rifle Low Vel. Smokeless	38	903	72.5		:	:::	::	:	:	:
	38	1035		4.92	23.33	:::	::	S	:	:
-	45	1234	152	:::	:		,	:	:	:
22 W. R. F. Smokeless	45	1090	119			:::	::	:	:	:
22 Automatic Smokeless	45	954			:::	::	:	:	:	:
25 Stevens Short Black	. 65	805	93.56	:::	:	::	:	9	:	:
25 Stevens Long Black	. 65	1015	147	:	:	:	::	_	:	:
	80	925	152		::	::		9	:	:
32 Long Black	06	1063	225.6	:	::	: :	:	0	:	:
Centre Fire										
2	98	1207	272							11
30 Mauser Smokeless	000		3/3	:	:		:	. 4	:	11
	000	606.7	60.50	:	:		: :	+ 4	:	:
52 S. & W. Smokeless	000	. 000				: :	:		:	:
32 Short Colt Black	000	037	00	: :	: :	:	:	. c	:	:
32 Long Colt Black	200	041	145	:	:	: :	: :		:	: <b>u</b>
Colt	+ 1	230			: : :	:		:	:	0
in	145	5/9	108.0	:		: :		:	:	:
ò	145	030	171	:	::::		: :	:	:	:
38 S. & W. Special Smokeless	158	820	722	: : :	:::				:	: 5
38 Colt Automatic Smokeless	150	1175	398	:		:	:::	:		10
38 Short Colt Black	130	809	107			:	:		:	:
38 Long Colt Black	150	786				: :	:		:	:
45 Colt Black	256	756	336.5			: :		6.4.	:	:
455 Service Black	272	755	330		:::		:::		:	:
455 Service Smokeless	272	755	330	:::		: :	:	. S.	:	:
455 Service Wad Cutting Smokeless	220	750	280.6	::		:	:		:	
44 S. & W. American Black	. 218	755	311	::	:::	: :	::	1		:

# AMMUNITION

Centre Fire	Weight		Muzzle		RAJECTORY	FRAJECTORY, IN INCHES	s	Penetral	Penetration at 15 Feet in 7/8" Soft Pine Boards	Feet in soards
25/20 Black	of Bullet Grains	Muzzle Velocity Ft. per Sec.	田 正	100 Yards at 50 Yards	200 Yards at 100 Yards	300 Yards at 150 Yards	500 Yards at 250 Yards	Lead	S. P.	M. C.
TOTAL PARCENT	98	1355	350	293	13.9	37.23	:	8.5	::	:
25/20 S. P. Smokeless	86	1355	350	293	13.9		22.75	:	ر 1	:
250/3000 Sav. S. P. Smokeless	8/	3000	1040	1 21	0.7	16.6	62.4	:	==	:
25/55 S. F. Smokeless.	185	2320	2212	0.97	3.56	8.4	30	: :	18	: :
30/30 M. C. Smokeless	160	1998	1419	1.33	5.88	15.63		:	:	42
30/30 S. P. Low Velocity Smokeless	170	2008	1522	1.25	5.80	15.02		:	11	:
30/30 S. P. High Velocity Smokeless	170	2187	1806	0.95	3.98	10.31	37.6		4;	:
30 U.S.A. S. P. Model 1895 Smokeless	220	2000	1970	1.21	5.45	13.80		:	13	. 1
30 Springfield Ptd. Model 1906	150	2700	2445	0.66	2.89	6.15	24.48	:	. 0	20
30 Springfield S. P. Model 1906	190	2200	2375	0.96	4.3		51.5	:	21	:
30 Remington S. P. Smokeless	170	2020	1541	1.2	5.74			:	11	:
303 Savage M. C. Smokeless.	190	1998	1597	1.24	20.0	15.45	52.00	:	71	4.5
303 Savage S. P. Smokeless	215	1973	1000	1.73	0.0			:	:	26
303 British M. C. Mark VI Smokeless.	175	2425	2281	0.78	3 68		32.06	: . :		64
202 British S D Smokeless	215	1998	1906	1.18	5.4		47.53		14	.:
303 British Match	203	2160	2094	0.89	4.33	10.81		:	.:	:
32 Win. Special S. P.	. 170	2112	1684	1.15	5.68	15.36	59.16	:	13	:
32/20 Black.	115	1222	381	3.58	16.56		:	7	:	:
32/20 S. P. Smokeless	115	1222	381	3.58	16.56	43.08	1	: 0	6	:
32/40 Black	165	1427	747	2.4	12	30	103.7	0		:
32/40 S. P. Smokeless	165	1427	747	2.4	12	30	103.7	:.	10	:
33 Winchester	200	2056	1877	1.2	5.71	15.0	59.10	:	12	:
35 Remington	200	2000	1776	2.10		20.6	146.4	: 0	61	:
38/40 Black.	180	1324	200	3.15	15.30	30.6	146.4	0	: 0	:
38/40 S. F. Smokeless	255	1307	1105	2.10		30.0	100	10		: :
38/33 Black	255	1307	1105	2.0	12	30	100		: :	20
38/33 Smokeless M. C.	255	1503	1437	0.0	9 2	24	82.3	: :	14	:
20/30 St. 1. Silloweress	255	1450	1121		1		:	11	:	:
42 Mansar Black	382	1470	1343	:			:	12	:	:
43 Mauser Diack	200	1236	746	3.31	15.08	40.81	:	000	:	:
44/40 Smokeless S. P.	200	1236	746	3.31	15.08	40.81	:	:	6	:
44/40 M. C. Smokeless	200	1236	746		15.08	40.81	:	:	:	1.4
45 Martini Henry	480	1350	1985			::::	:::	:	:	:
45/70/405 Black.	405	1317	1561	2.90	13.27	33.5	:	13	:	:
45/70 Marlin Black	405	1361	1665	::	11.80	30.18	:	13	:	:
45/90 Win. Black	. 300	1555	1609	::		28.43	: : :	13	:	:

# The Making and Testing of Dominion Ammunition

THE war has developed a greater interest in shooting, not only among the men who served overseas, but with the general public as well. The public is more familiar with guns and ammunition, and consequently displays more care in making a selection when buying ammunition for sporting or target purposes than heretofore.

During the war the Dominion Cartridge Company gained an enviable reputation as manufacturers of Government standard ammunition, having filled large contracts for rifle, machine gun and special aircraft small arms ammunition and components, together with special primers as used in cannon by the Canadian, Imperial and U. S. Governments.

This necessitated a highly technical staff, skilled workmen and up-to-date modern machinery and testing appliances. The energies of this improved organization are now entirely devoted to the perfection of Dominion sporting ammunition that will meet the most exacting demands of the Canadian Sportsman.

To give you a complete understanding of the processes involved in ammunition manufacture would require more detail than is possible in this catalogue. It is, therefore, the purpose to give only an idea of the stages of manufacture, laying particular stress on those phases not generally familiar to the average sportsman.

Copper and brass, though expensive, are, because of their hard and tough nature, and good working qualities, used for all cartridge cases. It has been found that they will stand the pressure set up by the firing; which in the case of a government .303 may develop as high as 19.5 tons to the square inch. To the naked eye the inside of the chamber of a new rifle appears to be as fine a piece of machined metal as could be found, but under a microscope one sees a mass of hills and waves, so that the pressure developed on firing would force the cartridge metal, if it were not hard, into all those minute depressions and make difficult the extraction of the shell.

Up-to-date cartridge makers think nothing of working their product to an accuracy of within one-half of one-thousandth of an inch. The reason is this. Consider, for example, a rifle chamber that is .0005 of an inch too large and a cartridge that is .0005 of an inch too small; the cartridge metal if not sufficiently tough, will not expand .001 of an inch but will split under the tremendous strain.

## Punching, Drawing and Annealing

The first operation in cartridge making is forming the metal into sheets of the required thickness and blanking from these sheets circular discs of the required diameter and weight to make the finished shell. The next step is to punch the discs into a shallow cup by bending up the edges and stretching it to the correct length and diameter. This operation is performed by sliding the discs under a punch of given diameter, which forces the metal through a hole in a steel die, the hole being just a little larger than the punch. It is just as if a punch a little smaller in diameter than a ten-cent piece forced a silver quarter through a hole the size of a ten-cent piece. The result is a cup or tube closed at one end and having the diameter of the ten-cent piece. Now, if the difference in size between the punch and hole were just the thickness of the quarter, the cup made would have the bottom and sides of this thickness, but as the punch is nearly the size of the



# **AMMUNITION**

# Operations in Making Cartridge Cases



Cup.



1st Draw.



2nd Draw.



Indenting or inserting for Primer Pocket.



3rd Draw.



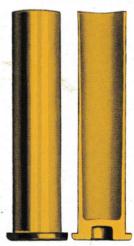
4th Draw.



5th Draw.



Trimming.



Heading.



## **AMMUNITION**

hole, the metal of the sides must be squeezed thinner and the resulting cup longer. So you see that from a flat disc by repeated operations called drawing, a tube closed at one end with thin sides but a thick bottom is formed.

Copper and brass like many other metals harden greatly when subjected to strain; thus as the metal is bent and squeezed it becomes very much harder. Both metals, however, become comparatively soft if heated to a bright red and in this hardening by being worked and softening by being heated, if it is done at the proper time, lies one of the main factors in turning out a good case. This process is called annealing.

To form a tube of the required length to make a 30/30, four separate drawings and four separate annealings are necessary. Even then the tube is without a head, though having a thick heavy bottom, and is of uneven length with a rough jagged mouth.

## Trimming and Heading Rim Fire and Centre Fire Cartridges

After drawing, the open ragged end is trimmed to exact length by rapidly revolving the shell in contact with a sharp knife. Thus far the operations on the various types of cartridges are quite similar; but from this point on Rim Fire and Centre Fire cartridges require quite different methods of manufacture. Rim Fire cartridges are always made of copper, since a metal softer than brass is required to fold a head which contains a cavity or hollow in the rim for the explosive priming.

After trimming, the cartridges are headed, the closed end of the tube being squeezed into a die by means of a heavy press. The metal through pressure assumes the form of the cavity in the die, and is prevented from collapsing by a punch inserted in the open end of the tube. In Centre Fire cartridges the head of the shell instead of being formed flat is depressed in the centre, making the primer pocket which is to hold the cap or primer.

Solid head cartridges are manufactured from thick sheet metal. The thickness of the base of these shells is so great when they reach the heading stage and are put under great pressure, that the metal is forced to flow outward and fill the recesses in the die. Thus a head of solid metal without any cavity is formed.

After heading, Centre Fire cartridges are pierced to form an opening for the flash of the primer and the cavity in which the primer sits is carefully brought to size so that the cap will not explode when being put in, nor drop out when once in the shell. This cavity, or primer pocket as it is called, must also be perfectly formed and flat on the bottom, as otherwise misfires, gas-leaks and blow-backs would occur.

## **Bullets**

Making the bullets for cartridges, of course, goes on coincidently with the shell-making and it is roughly divided into two classes—lead bullets and jacketed bullets.

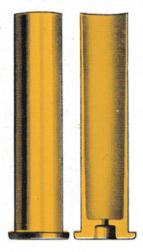
Lead bullets are first roughly cast into shape by moulds or cut from lead wire and then formed or swedged into their true shape. Bullets were originally made of pure lead, but as velocities were increased it was found that the very soft metal left a skin or coating in the barrel of the rifle, therefore, the majority of bullets are now hardened by tin or antimony. The modern greaseless bullets used in .22 calibre cartridges are the ordinary lead bullets hardened to a greater extent.

This hardening of the bullets, however, does not entirely prevent leading except in small calibre smokeless cartridges where the explosive charge is so very small. It is, therefore, the practice to grease or lubricate the bullet either by submerging it in a wax mixture, called outside lubrication; or by forcing wax into the grooves or cannelure rings which are formed around the base of the bullet. The latter method, known as inside

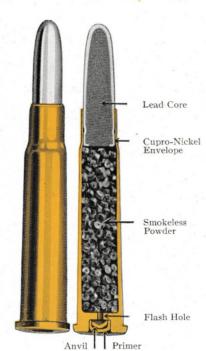


# **AMMUNITION**

# Operations in Making Cartridge Cases



Piercing for flash or fire hole, and sizing of primer chamber.



FINISHED SHELL.





Tapering and necking.



Head and mouth trimming and burnishing.

lubrication is the more cleanly and advantageous. Jacketed bullets are used in all types of high velocity cartridges. This is necessary to enable the projectile to keep its form when travelling through the barrel. The bullet consists of a lead centre and a jacket of copper or cupro-nickel entirely covering the point. These jackets are used in the hard point or "full metal patched" types where penetration is required. The soft point or "half metal patched" bullet has a lead tip which mushrooms or flattens out upon striking the objective. It is used in sporting cartridges and produces an effective wound.

## Loading

Cartridges are not loaded by weighing the powder charge as is generally supposed, but by measure, although the measuring is extremely accurate and runs as close as one-tenth of a grain weight. After loading, the cases are crimped into the bullets. The finished cartridges are then subjected to a special burnishing process and each one is put through a number of different gauges.

## Inspecting, Gauging, Testing

A concise description of ammunition-making is difficult, as a cartridge such as the .303 passes through some sixty distinct operations; but the most important points in Dominion manufacturing namely, inspecting, gauging and testing, have not been described. It is not going too far to say that everything at our factories is subservient to these three dominant features from raw material through the various stages of manufacturing to the finished cartridge. The metal is microscopically examined and tested for impurities, dimensions, etc.; the powder is tested for velocity, cleanliness, density, size of grain, etc.; the primer ingredients are tested and analysed, and even the various waxes for lubricating are tried for melting point and examined for acids and impurities.

In passing, it might be said that the user of Dominion Ammunition can be assured that at least three skilled operators have decided that his cartridges are free from high primers, large or small heads, or any other visible or measurable fault. In handling millions of rounds some mistakes will occur; but it is impossible to inspect, gauge and test more thoroughly than the Dominion Cartridge Company, Limited.

Shot gun shells are made in much the same manner as metallic cartridges. The brass head is formed just as it is in a small rifle cartridge. The paper for the case is especially manufactured for us and it must, according to Canadian and American methods, have the edges slightly tapered down to what is called the thin edge. This ensures an equal thickness around the paper walls of the shell and also makes certain that there are no rough edges on the finished shell. The paper is rolled and pasted in tubes, and after careful drying at an even temperature the tubes are sized to the correct diameter inside and out. This is done by passing the tube over a mandril which has the exact diameter of the inside of the shell and the tube and mandril are passed through a very rapidly rotating die of the required outside diameter of the shell. Great pressure, friction and heat are developed by this operation, and a hard, highly polished, uniform tube is the result.

These tubes are then submerged in a water-proofing compound and after being dried are cut to the required lengths, one tube making five shot shells. The shells are then assembled and headed, that is, the brass head and the paper tube are bound together. This operation includes the forcing of a tightly wound piece of soft paper tape under great pressure into the end closed by the head. This is one of the most particular operations in shot shell making, as the base wad must be pressed not only into a compact, rigid mass, but the end of the paper tube must be turned into the rim of the head, as otherwise the paper might pull out and remain in the gun on firing.



# **AMMUNITION**

# Operations in Making Metal Cased Bullets



Cup.



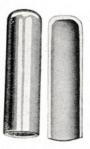
1st Draw.



2nd Draw.



3rd Draw.



1st Trimming.



4th Draw.



2nd Trimming.



Forming.



Squirted lead slug cut from wire and wedged core.



Assembling and pressing of core.



Turnover.



Final pressing.



Canneluring and sizing.

The shell is now ready to have the flash-hole pierced, the pocket sized and the primer inserted just as in metallic ammunition. Smokeless shot shells on being fired exert a pressure of, approximately, four tons per square inch at the breach of the gun. For this reason the Dominion Cartridge Company has thought it advisable to reinforce the shell with an additional steel head immediately inside the brass head. When fired the paper shell is well protected down its side length by the barrel of the gun, but a gun in closing must leave a joint around the head. Gun bursts as a result of obstructions in the barrel occur farther up the barrel than the heavy breech containing the shell. The rim and face of the head of the shell are not so protected, however, and Dominion steel reinforced smokeless shot shells afford great protection to the shooter's face and eyes, and to the life of a gun as far as jarring loose is concerned.

## Loading, Inspecting and Materials

Shot Shells are loaded by the same system as Metallic Ammunition. The shot and powder are loaded from measures set to give exact weights. The closeness and accuracy of this method are shown by the fact that Dense powders are listed and sold under variations of one grain charge. The wadding and crimping are mechanically done on the same machines, and the Dominion system automatically signals to the operator any shortage or overage of powder, shot or wads. Loading machines are interchangeable for different gauges of shells, types of wads, etc., and once set run day in and day out without a hitch. In spite of this, the same rigid inspection of each shell, between operations and after the loading, goes on as with the metallic cartridges.

## Testing and Proving

No matter how modern a cartridge company's equipment may be, how intelligent its employees or how careful its manufacturing methods, the testing and proving department must be the key to the quality of its product. The Dominion test house embraces two branches, both outside the regular factory discipline and accountable to the manager alone. First.—The system of inspection of materials and goods in process of manufacturing, which is entirely additional to the regular routine of the plant.

Second.—A system of tests and inspections of the finished cartridges, shells and primers. At intervals during the day samples from each loading and priming machine are taken and tested for accuracy, cleanliness, velocity, pressure and structure. These tests are carried out in the various makes of guns, rifles and revolvers for which the cartridge is designed, and comparisons are made with other makes of ammunition as well as with previous standards of Dominion manufacture. It is not enough for us to know that our product is as good or better than our competitors' in one gun and at one distance, but other ranges, other makes of guns and ammunition and earlier dates of manufacture of other makes must be tried.

Testing does not stop here, however, and after the best makes of weapons in the best of condition are tried, the cartridges are put through guns intentionally kept in bad shape and functioning improperly.

We test thoroughly, persistently and intelligently. We believe that our quality has convinced the public to this effect; and that our rapidly increasing sales indicate conclusively that Dominion Ammunition is easy to sell, because it is giving Canadian Sportsmen entire satisfaction.

# INDEX

ARTICLE	ARTICLE PAGE
<b>A</b> ir Rifle Shot 50	Centre Fire Blanks, Illustrated Section 33
	Centre Fire Blanks, Condensed List 38
Ballistics of Metallic Cartridges40–41	
Blank Cartridges (see metallic cartridges)	Penetration of Bullets
Brass Shotgun Shells	Primers
Bullets, weight and List Price of 37–39	Primed Shells, Metallic38–39
	Primed Shells, Shotgun
Canuck Shotgun Shells9–10	P. I. CI.I. P.
Codes, telegraphic37–39	Revolver Clubs, Formation of
Condensed List of Metallic Cartridges37–39	Rifle Ammunition (see metallic cartridges)
Contents of Cases37–39	Rifle Clubs, Formation of
Crown Shotgun Shells	Shot, Air-rifle
Dominion Selling Plan 5	Shot Cartridges (see metallic cartridges)
	Shotgun Shells
Empty Shotgun Shells (Paper and Brass) 6	Crown, Black Powder
Con Clube Fernation of	Sovereign, Smokeless Powder
Gun Clubs, Formation of, 5	Regal, Smokeless Powder
Hand Trap, Dominion	Canuck, Smokeless Powder 9–10
	Canuck, "Spread-shot," Smokeless 10
Making and Testing of Dominion Ammuni-	Canuck "Water-tite," Smokeless 10
tion, The	Imperial, Smokeless
Metallic Cartridges	Small sizes of Shot Shells, 28 gauge and
Rim Fire, Illustrated Section13–16	410 12
Rim Fire, Condensed List	Tables of Pasting
Rim Fire Shot, Illustrated Section 32	Tables of Packing
Rim Fire Shot, Condensed List 37	Trajectories
Rim Fire Blanks, Illustrated Section 33	Velocities
Rim Fire Blanks, Condensed List 37	
Centre Fire, Illustrated Section17-31	<b>W</b> ads, Card
Centre Fire, Condensed List38–39	Wads, Felt
Centre Fire Shot, Illustrated Section 32	Weight of Bullets37–39
Centre Fire Shot, Condensed List 38	Weight of Cases



# Special Air Rifle Shot



Packed in strong tubes with patent cap to regulate flow of shot.

250 pellets in a tube and 100 tubes in case.

Prices on application.

# The Dominion Hand Trap

has been placed on the market as a convenience for sportsmen who want an opportunity to shoot at flying targets when the gun club is not handy. The Hand Trap is light and may be taken down and easily carried on week-end trips. It is indispensable when in the field or marsh with a shot gun on those days when the birds are not flying.

The Dominion Hand Trap takes the regulation clay target. With practice the birds can be thrown in any direction and as fast and far as is desired.

The Traps are packed for shipment in strong cardboard containers which measure 25 in. long,  $7\frac{1}{2}$  in. wide, and  $3\frac{1}{2}$  in. deep. The trap weighs approximately  $8\frac{3}{4}$  lbs. packed, and can be shipped by Parcel Post.

A BOOKLET EXPLAINING IN DETAIL THE OPERATION AND CARE OF THE DOMINION HAND TRAP IS PACKED WITH EVERY TRAP

List Price

F.O.B. Factory

\$9.00 each









# Canadian Explosives Limited

and Subsidiary Companies

Manufacturers of

DYNAMITES · AMMONIA DYNAMITES · FORCITE GELATINES · PERMITTED EXPLOSIVES

BLASTING POWDERS · BLASTING SUPPLIES · SPORTING AND MILITARY POWDERS

LOW POWDERS · STUMPING POWDER · BLASTING CAPS · ELECTRIC BLASTING CAPS

SHOT FIRING BATTERIES · DELAY ACTION FUSES · ELECTRIC SOUIBS.

## Dominion Cartridge Co. Limited

Manufacturers of

LOADED AND EMPTY PAPER SHOT SHELLS
BRASS SHOT SHELLS
METALLIC SPORTING AND MILITARY CARTRIDGES
DOMINION HANDTRAPS
PRIMERS ACCESSORIES

## Arlington Company of Canada Limited

Manufacturers of

CLEANABLE COLLARS, CUFFS AND SHIRT FRONTS
DRESSING COMBS • FINE COMBS
RATTLES • PINWHEELS • SOAP BOXES
TEETHING RINGS • HARNESS RINGS AND LOOPS
"KUT-KURE" (Liquid Court Plaster)
PY RA LIN SHEETING, BEADING AND TUBES

## Victoria Chemical Co. Limited

Manufacturers of
FARM FERTILIZERS · CHEMICALS AND ACIDS

## Canadian Fabrikoid Limited

Manufacturers of

FABRIKOID and rubber coated fabrics for use in place of leather for:
FURNITURE, AUTOMOBILE AND CARRIAGE
UPHOLSTERY
AUTOMOBILE TOPS
BOOKBUNDING

AUTOMOBILE TOPS BOOKBINDING
SHOE TRIMMINGS HAT SWEATS
LEATHER NOVELTIES GLOVE TRIMMINGS
INTERIOR DECORATING HOSPITAL SHEETING
RAILWAY CAR AND VESTIBULE CURTAINS
TRUNKS AND BAGS

## Flint Varnish & Color Works of Canada Limited

Manufacturers of

ARCHITECTURAL VARNISHES AND ENAMELS
VARNISHES FOR THE AUTOMOBILE,
FURNITURE AND PIANO TRADES
METAL FINISHING AND RAILROAD WORK
PAINTS FOR INDUSTRIAL PURPOSES
WOOD FILLERS (Wheeler Formula)
OIL COLORS
COLORS IN JAPAN
Importers: BRIDGEPORT PENETRATING STAINS

## Copper Products Limited

Manufacturers of
SEAMLESS BRASS AND COPPER TUBING
BRASS AND COPPER SHEETING

Head Offices

120 ST. JAMES STREET

MONTREAL

CANADA

Consolidated Branches: VANCOUVER, WINNIPEG, TORONTO, SUDBURY, MONTREAL, HALIFAX



THE MORTIMER CO. LIMITED
OTTAWA
MONTREAL & TORONTO

